

2.4 Day 2 Worksheet

Date_____ Period_____

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Solve for the variable. Determine if there is one solution, infinitely many solutions, or no solutions.

1) $2n + 5 = -3 + n + 6 + 7$

2) $1 + 5b + 6b = -13 - 3b$

3) $1 + a + 1 = -3 + a - 3 + 8$

4) $14 + 4v = 2 + 2v$

5) $8x - 3 = 3x + 4x$

6) $-16 - 8n = -4n - 8n$

7) $-6(1 - 8b) = 36 + 6b$

8) $9 + x = -5(x - 4) - 5$

9) $-5(r - 8) = 42 - 5r$

10) $40 + 8n = 8(8n - 2)$

11) $-6(k - 8) - 2 = 2(-2k + 5) - 2k$

12) $4(a + 1) - 4a = -4 + 4(8 - a)$